

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/099,842              | JOUPPI ET AL.                           |  |
| Examiner                | Art Unit                                |  |
| <br>  Wen Huang         | 2682                                    |  |

|                              |     |      |       |                                    | IS      | SUE C                  | LASSIF                  | ICATIC           | N                        |                    |    |     |  |  |  |  |
|------------------------------|-----|------|-------|------------------------------------|---------|------------------------|-------------------------|------------------|--------------------------|--------------------|----|-----|--|--|--|--|
|                              |     |      | ORI   | GINAL                              |         | CROSS REFERENCE(S)     |                         |                  |                          |                    |    |     |  |  |  |  |
| CLASS . SUBCLASS             |     |      |       |                                    | CLASS   |                        | S                       | UBCLASS (O       | NE SUBCLASS              | S PER BLOCK        | () |     |  |  |  |  |
| 455                          |     |      |       | 450                                | 455     | 452.1                  | 452.1 452.2 453 517 509 |                  |                          |                    |    | 513 |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |     |      |       |                                    | 370     | 252 395.21 338 328 468 |                         |                  |                          |                    |    |     |  |  |  |  |
| Н                            | 0   | 4    | Q     | 7/20                               |         |                        |                         |                  |                          |                    |    |     |  |  |  |  |
| Н                            | 0   | 4    | В     | 7/00                               |         |                        |                         |                  |                          |                    |    |     |  |  |  |  |
|                              |     |      |       | 1                                  |         |                        |                         |                  |                          |                    |    |     |  |  |  |  |
|                              |     |      |       | 1                                  |         |                        |                         |                  |                          |                    |    |     |  |  |  |  |
|                              |     |      |       | 1                                  |         |                        |                         |                  |                          | -                  |    |     |  |  |  |  |
|                              |     |      |       | Huang 9/30/0<br>nt Examiner) (Date |         | N                      | PRIMARY                 | GUYEN<br>EXAMINE | Total Claims Allowed: 17 |                    |    |     |  |  |  |  |
|                              | J   | K    | ~     | _                                  | 04/9    | (e                     | -Clym                   | W- 1             | O<br>Print C             | O.G.<br>Print Fig. |    |     |  |  |  |  |
|                              | (Le | gall | nstru | ments Examiner) (                  | Date) 1 | (Pn                    | imary Examiner)         | (Da              |                          | 2                  |    |     |  |  |  |  |

|         | Claims renumbered in the same order as presented by applicant |   |       |          |   |       |          |   |       |          | □ СРА |       | ☐ T.D.   |  | ☐ R.1.47 |          |    |       |          |
|---------|---|---|-------|----------|---|-------|----------|---|-------|----------|-------|-------|----------|--|----------|----------|----|-------|----------|
| Finat   | Original  |   | Final | Original |   | Final | Original |   | Final | Original |       | Final | Original |  | Final    | Original |    | Final | Original |
| 1       | 1   |   |       | 31       |   |       | 61       | ] |       | 91       |       |       | 121      |  |          | 151      |    |       | 181      |
| 2       | 2   |   |       | 32       |   |       | 62       |   |       | 92       |       |       | 122      |  |          | 152      |    |       | 182      |
| 3       | 3   |   |       | 33       |   |       | 63       |   |       | 93       |       |       | 123      |  |          | 153      |    |       | 183      |
| 5       | 4   |   |       | 34       |   |       | 64       |   |       | 94       |       |       | 124      |  |          | 154      |    |       | 184      |
| 6       | 5   | ] |       | 35       |   |       | 65       | ] |       | 95       |       |       | 125      |  |          | 155      |    |       | 185      |
| 7       | 6   |   |       | 36       |   |       | 66       |   |       | 96       |       |       | 126      |  |          | 156      |    |       | 186      |
| 4       | 7   |   |       | 37       |   |       | 67       | ] |       | 97       |       |       | 127      |  |          | 157      |    |       | 187      |
| 8       | 8   |   |       | 38       |   |       | 68       |   |       | 98       |       |       | 128      |  |          | 158      |    |       | 188      |
| 9       | 9   | ] |       | 39       |   |       | 69       | ] |       | 99       |       |       | 129      |  |          | 159      |    |       | 189      |
| 10      | 10  |   |       | 40       |   |       | 70       |   |       | 100      |       |       | 130      |  |          | 160      |    |       | 190      |
| _11     | 11  |   |       | 41       |   |       | 71       | ] |       | 101      |       |       | 131      |  |          | 161      |    |       | 191      |
| 13      | 12  |   |       | 42       |   |       | 72       | ] |       | 102      |       |       | 132      |  |          | 162      |    |       | 192      |
| 14      | 13  |   |       | 43       |   |       | 73       | ] |       | 103      |       |       | 133      |  |          | 163      |    |       | 193      |
| 12      | 14  |   |       | 44       |   |       | 74       | ] |       | 104      |       |       | 134      |  |          | 164      |    |       | 194      |
| _15     | 15  |   |       | 45       |   |       | 75       | ] |       | 105      |       |       | 135      |  |          | 165      |    |       | 195      |
| 16      | 16  |   |       | 46       |   |       | 76       | ] |       | 106      |       |       | 136      |  |          | 166      |    |       | 196      |
| 17      | 17  |   |       | 47       |   |       | 77       |   |       | 107      |       |       | 137      |  |          | 167      | ** |       | 197      |
|         | 18  |   |       | 48       |   |       | 78       |   |       | 108      |       |       | 138      |  |          | 168      |    |       | 198      |
|         | 19  |   |       | 49       |   |       | 79       | ] |       | 109      |       |       | 139      |  |          | 169      |    |       | 199      |
| <u></u> | 20  |   |       | 50       |   |       | 80       |   |       | 110      |       |       | 140      |  |          | 170      |    |       | 200      |
|         | 21  |   |       | 51       | : |       | . 81     | ] |       | 111      |       |       | 141      |  |          | 171      |    |       | 201      |
|         | 22  |   |       | 52       |   |       | 82       |   |       | 112      |       |       | 142      |  |          | 172      |    |       | 202      |
|         | 23  |   |       | 53       | ! |       | 83       | ] |       | 113      |       |       | 143      |  |          | 173      |    |       | 203      |
|         | 24  |   |       | 54       |   |       | 84       |   |       | 114      |       |       | 144      |  |          | 174      |    |       | 204      |
|         | 25  |   |       | 55       |   |       | 85       |   |       | 115      |       |       | 145      |  |          | 175      |    |       | 205      |
|         | 26  |   |       | 56       |   |       | 86       |   |       | 116      |       |       | 146      |  |          | 176      |    |       | 206      |
|         | 27  |   |       | 57       |   |       | 87       |   |       | 117      |       |       | 147      |  |          | 177      |    |       | 207      |
|         | 28  |   |       | 58       |   |       | 88       | ] |       | 118      |       |       | 148      |  |          | 178      |    |       | 208      |
|         | 29  |   |       | 59       |   |       | 89       | ] |       | 119      |       |       | 149      |  |          | 179      |    |       | 209      |
|         | 30  |   |       | 60       |   |       | 90       |   |       | 120      |       |       | 150      |  |          | 180      |    |       | 210      |